



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Li et al.

Serial No.: 09/585,864

Filed: June 1, 2000

For: METHOD AND APPARATUS FOR
OUTPUT DATA SYNCHRONIZATION
WITH SYSTEM CLOCK IN DDR

Confirmation No.: 4732

Examiner: K. Burd

Group Art Unit: 2631

Attorney Docket No.: 2269-4309US
(99-1328.00/US)

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label Number: EL994846009US

Date of Deposit with USPS: September 6, 2005

Person making Deposit: Steve Wong

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Mail Stop Issue Fee
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

This communication is filed in response to the Notice of Allowance mailed November, 5, 2004. This communication sets forth Applicants' comments, pursuant to 37 C.F.R. §1.104(e), on the Examiner's Statement of Allowable Subject Matter accompanying the Notice of Allowance.

In the Statement of Allowable Subject Matter, the Examiner indicates:

[Lee et al (US 6,377,093) discloses a method of generating delay locked clocks as shown in figure 10 and described in the previous office action. Lee does not disclose determining a second phase difference between an inverse clock and an inverted delayed clock signal to establish a delay magnitude nor inverting and delaying the first delayed clock signal by a second delay magnitude to generate the

inverted delayed clock signal as stated in the claims. Lundberg et al (US 5,811,998) discloses inverting an input to a phase detector as shown in figure 4 but does not disclose the limitations stated in the claims. Yoo et al (US 6,625,242) discloses comparing a phase difference and a phase shifter for inverting a delayed clock according to that difference (abstract and figure 2). Yoo does not disclose the output of the phase shifter 23 is input to the phase detector 27. Finally, Li et al (US 6,704,881) discloses, in figures 1 and 2, the prior art circuits shown in the instant application (figures 1 and 2). Li does not disclose the second phase detector as stated in the claims.]

Applicants concur with the reasons as stated by the Examiner insofar as they comprise a summary, which is exemplary and not limiting. However, the scope of the claims is based on the actual language of the claims and equivalents thereof, and not on a paraphrase or summary of the claim language.

The Independent claims as allowed recite features and methodology in addition to, and in different language than, those described in the Statement of Allowable Subject Matter. Furthermore, the dependent claims recite elements in addition to those of the independent claims, which are also not reflected in the Statement of Allowable Subject Matter. Such additional elements, in combination with those of the independent claims from which each claim depends, provide additional reasons for patentability. Accordingly, the scope of the claims must be determined from the literal language of each as a whole, as well as all equivalents thereof.

Therefore, to the extent that the Examiner's reasons for allowance as stated are not relevant to, or wholly encompassing of, a particular claim, independent or dependent, Applicants assume that (pursuant to 37 C.F.R. §1.104(e)) the Examiner has determined that the record of the prosecution as a whole of the application makes clear the reasons for allowing those claims.

Further, it appears, pursuant to M.P.E.P. 1302.14, that the Examiner's Statements of Allowable Subject Matter are not intended to encompass all of the reasons for allowance.

Respectfully submitted,



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Date: September 6, 2005
JMM/dlm:eg

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June 3, 2005

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TRANSMITTAL LETTER

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith Part B - Fee(s) Transmittal for the above-captioned application and a check in the amount of \$1,415.00 in payment therefor plus five (5) copies of the patent when issued.

Serial No. 09/585,864

Also enclosed are Amendment Pursuant to 37 C.F.R. § 1.312(a); Comments on Statement of Reasons for Allowance; and Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees.

Applicants understand that no additional fees are required. However, if the Office determines that any comparison fees or other additional fees are required, the Commissioner is authorized to charge any such fees to TraskBritt Deposit Account No. 20-1469. A copy of this Transmittal Letter is enclosed for deposit account charging purposes.

Respectfully submitted,



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Date: September 6, 2005

JMM/dlm:eg

Enclosures: Part B - Issue Fee Transmittal

Check No. 22092 in the amount of \$1,415.00

Copy of Transmittal Letter

Amendment Pursuant to 37 C.F.R. § 1.312(a) (14 pages)

Comments on Statement of Reasons for Allowance (3 pages)

Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages)

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